

**PHED-288 Volleyball II** 1 cr.  
Instruction in more advanced skills, strategies and officiating of volleyball with an emphasis on proper techniques. Meets physical Education activity requirements for AA degree. Prerequisites: PHED-188 or approval of instructor. Offered: Fall & Spring.

## PHILOSOPHY

**PHIL-110 Introduction to Philosophy** 3 cr.  
A historical survey of the main branches of philosophy; metaphysics, theory of knowledge, ethics, and aesthetics. Some treatment of the philosophies of religion, language, science, political, and social philosophy. [NM Common Course Number PHIL 1113, Area V: Humanities/Fine Arts Core]. Prerequisites: Completion of ENGL-111 or appropriate English Accuplacer score. Offered: Fall & Spring.

**PHIL-115 Introduction to Ethics** 3 cr.  
The philosophical examination of the concept of morality and development of an appreciation for the difficulty of ethical judgments in practice. [NM Common Course Number PHIL 2113, Area V: Humanities/Fine Arts Core]. Prerequisites: Completion of ENGL-111 or appropriate English Accuplacer score. Offered: Fall & Spring.

**PHIL-271 Navajo Philosophy** 3 cr.  
Examines Dine philosophical thought regarding metaphysics, epistemology, aesthetics, ethics, religion, and traditional social structure. Offered in collaboration with Dine College (NIS 371). Prerequisites: ANTH-111. Offered: Spring.

## PHOTOGRAPHY

**PHOT-150 Basic Photography** 3 cr.  
This course is designed for the beginning photography student. The students will learn camera operation, the interaction of light on film, design principles, lighting, film processing, and printing black and white photographs in the darkroom. An introduction to the history of photography will enable students to understand the context of photography and image creation. Students must have a 35mm film camera. Manual controls are preferable but an automatic camera is acceptable. Offered: Fall.

**PHOT-160 Digital Photography** 3 cr.  
This course teaches basic digital editing using PhotoShop CS4. Students will learn how to operate a digital camera, download images, basic editing workflow and printing. Color theory will be introduced and creating artistic visual images will be emphasized. Students must supply their own digital camera. Offered: Fall & Spring.

**PHOT-220 Intermediate Photography** 3 cr.  
This course will introduce fine art film and printing techniques using the Zone System. Different films, papers and developers will be explored. The process of interpreting, evaluating and theorizing photographs will be discussed. Presentation methods will be explored and an emphasis will be on creating a strong portfolio of images. Prerequisites: PHOT-150. Offered: Fall & Spring.

**PHOT-240 Intermediate Digital Photography** 3 cr.  
This course explores creativity and the making of personal images

in the context of understanding visual culture and self-expression. Students will explore their interest in photography and learn to 'see' as a photographer. Student will become proficient in writing and talking about photographs and how this impacts their own work. The course covers other photographers and art theory. The course uses Photoshop CS4 for editing and enhancing images. Included in class time is a lab. Prerequisites: PHOT-160. Offered: Spring.

**PHOT-252 Advanced Photography** 3 cr.  
Advanced concepts of photography will be explored resulting in the development of a personal portfolio of images. Prerequisites: PHOT-220. Offered: Fall.

## PHYSICS

**PHYS-111 Intro to Physics** 4 cr.  
This course is not a lab science course and does not fulfill the requirement for lab sciences in the Associate of Arts degree. A primarily conceptual approach to classical physics; mechanics, heat, sound, optics, electricity, and magnetism. Intended for non-science majors who have not had high school physics. Prerequisites: Completion of MATH-095 and RDNG-095 or appropriate Math and Reading Accuplacer scores. Offered: Fall & Spring.

**PHYS-211 Gen Physics I** 3 cr.  
Non-calculus treatment of Newtonian mechanics, fluids, and sound. Satisfies requirements for most pre-medical and pre-dental programs and some science programs. It is strongly recommended that this course is taken at the same time as PHYS-211L. [NM Common Course Number PHYS 1114, Area III; Laboratory Science Core]. Prerequisites: MATH-160 or MATH-170. Completion of RDNG-095 and ENGL-099 or appropriate Reading and English Accuplacer scores. Offered: Fall & Spring.

**PHYS-211L Gen Physics Lab I** 1 cr.  
This course is the first in a two-semester laboratory sequence, which accompanies the algebra-based introductory physics sequence (211,212). This course satisfies requirements for most pre-medical and pre-dental programs and some science programs. It is strongly recommended that this course is taken at the same time as PHYS-211. For students who have completed PHYS-211, this lab may be taken separately with permission of the instructor. Corequisites: PHYS-211. Offered: Fall & Spring.

**PHYS-212 General Physics II** 3 cr.  
A continuation of PHYS 211 in which electricity, magnetism, light, and modern physics are studied. Strongly recommended this course be taken with PHYS-212L. [NM Common Course Number PHYS 1124, Area III; Laboratory Science Core]. Prerequisites: PHYS-211; minimum grade C. Offered: On Demand.

**PHYS-212L Gen Physics Lab II** 1 cr.  
This course is the second in a two-semester laboratory sequence, which accompanies the algebra-based introductory physics sequence (211,212). This course satisfies requirements for most pre-medical and pre-dental programs and some science programs. It is strongly recommended that this course is taken at the same time as PHYS-212. For students who have completed PHYS-212, this lab may be taken separately with permission of the instructor. Corequisites: PHYS-212. Offered: On Demand.